

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|-----------------------------------|------------------|---------|------------------|
| L1 | 69762 | (plasma with (cvd (vapor adj deposit\$3))) | US_PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/22 07:25 |
| L2 | 925 | L1 and (clean\$3 with (substrate wafer) with heat\$3) | US_PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/22 07:26 |
| L3 | 2 | L1 and (clean\$3 with (substrate wafer) with (heat\$3 same (electron) same arc)) | US_PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/22 07:30 |
| L4 | 30 | ("2378476" "3625848" "3677924" "3900585" "4094764" "4279216" "4351855").PN. OR ("4511593").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2006/11/22 07:29 |
| L5 | 2 | L1 and (clean\$3 with (substrate wafer) with (heat\$3 same (electron ion) same arc)) | US_PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/22 07:31 |
| L6 | 20 | L1 and (clean\$3 with (substrate wafer) with (heat\$3 same (electron))) | US_PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/22 07:45 |
| L7 | 27 | ("4401054" "4450031" "4492620" "4503807" "4534842" "4564997" "4566940" "5270616" "5292370" "5346579" "5370765" "5411591" "5483248" "5529632" "5562775").PN. OR ("5707452").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2006/11/22 07:39 |
| L8 | 1000 | L1 and (etch\$3 with (substrate wafer) with (argon ar)) | US_PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/22 07:45 |
| L9 | 47 | L1 and ((etch\$3 with (substrate wafer) with (argon ar)) same (bias with voltage)) | US_PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/22 07:51 |
| L10 | 0 | L1 and ((etch\$3 with (substrate wafer) with (argon ar)) same (bias with voltage with ac)) | US_PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/22 07:48 |

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| L11 | 423 | "40207" | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/22 07:52 |
| L12 | 3 | ("5352493").PN. OR ("6200675").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/22 08:57 |
| L13 | 28 | L1 and (substrate with (unipolar bipolar sinusoidal) with (bias)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/22 08:57 |
| S7 | 1553 | 427/569.ccls. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:49 |
| S8 | 596 | 427/577.ccls. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 12:15 |
| S9 | 12 | ((("5629086") or ("5541003") or ("5368939") or ("5266409") or ("5170563") or ("4731302") or ("4525417") or ("5266409") or ("6284376") or ("6165616") or ("6022622") or ("5249554") or ("4842937")).PN. | USPAT | OR | OFF | 2006/11/20 14:23 |
| S10 | 7 | massler-orlaw.in. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:31 |
| S11 | 13 | wohlrab-christian.in. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:30 |
| S12 | 4 | eberle-hubert.in. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:30 |
| S13 | 6 | grischke-martin.in. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:30 |
| S14 | 14 | pedrazzini-mauro.in. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:28 |

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| S15 | 19 | pedrazzini-mauro.in. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:28 |
| S16 | 5 | grischke-martin.in. | EPO | OR | ON | 2006/11/20 14:30 |
| S18 | 2 | eberle-hubert.in. | EPO | OR | ON | 2006/11/20 14:30 |
| S19 | 8 | wohlrab-christian.in. | EPO | OR | ON | 2006/11/20 14:30 |
| S20 | 3 | massler-orlaw.in. | EPO | OR | ON | 2006/11/20 14:39 |
| S21 | 1 | DE-10018143-\$3.did. | USPAT; EPO; DERWENT | OR | ON | 2006/11/20 14:41 |
| S22 | 1553 | 427/569.ccls. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:50 |
| S23 | 172 | S22 and (DLC (diamond adj like adj carbon) (amorphous adj carbon) (adamantine adj carbon)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 15:02 |
| S24 | 596 | 427/577.ccls. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:50 |
| S25 | 311 | S24 and (DLC (diamond adj like adj carbon) (amorphous adj carbon) (adamantine adj carbon)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:51 |
| S26 | 9868 | (DLC (diamond adj like adj carbon) (amorphous adj carbon) (adamantine adj carbon)) and (plasma (arc adj discharge)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:52 |
| S27 | 4100 | (DLC (diamond adj like adj carbon) (amorphous adj carbon) (adamantine adj carbon)) same (plasma (arc adj discharge)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:56 |
| S28 | 1582 | S27 and ((clean\$3 etch\$3) with (substrate wafer)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:57 |
| S29 | 122 | S25 and ((clean\$3 etch\$3) with (substrate wafer)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:57 |
| S30 | 1238 | S27 and ((etch\$3) with (substrate wafer)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:57 |

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| S31 | 606 | S27 and ((etch\$3 and heat\$3) with (substrate wafer)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:58 |
| S32 | 466 | S31 and (hydrogen ("h.sub.2")) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:58 |
| S33 | 59 | S23 and (multilayer (multi adj layer) (layer adj system) (layer adj stack)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 15:38 |
| S34 | 55 | S25 and (multilayer (multi adj layer) (layer adj system) (layer adj stack)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 15:04 |
| S35 | 154 | S32 and (multilayer (multi adj layer) (layer adj system) (layer adj stack)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 15:04 |
| S36 | 1063 | S27 and (multilayer (multi adj layer) (layer adj system) (layer adj stack)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 15:39 |
| S37 | 174 | S36 and adhesive and intermediate | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 15:39 |
| S38 | 174 | S36 and adhesive and transition | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 15:40 |
| S39 | 79 | (S37 S38) and wear and corrosion | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/11/20 15:40 |

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|-----|----|--|--|----|----|------------------|
| S41 | 40 | (US-20040038033-\$ or US-20060099340-\$ or US-20050118428-\$ or US-20030091742-\$ or US-20020100420-\$).did. or (US-6740393-\$ or US-5897942-\$ or US-7125588-\$ or US-6372303-\$ or US-6228471-\$ or US-5688556-\$ or US-6572933-\$ or US-6083570-\$ or US-5804259-\$ or US-5714202-\$ or US-5688557-\$ or US-5679413-\$ or US-5645900-\$ or US-5260107-\$ or US-6491987-\$ or US-5190807-\$ or US-5711773-\$ or US-5849443-\$ or US-5882830-\$ or US-6184572-\$ or US-6284376-\$ or US-6165616-\$ or US-6022622-\$ or US-5629086-\$ or US-5541003-\$ or US-5368939-\$). did. or (US-5266409-\$ or US-5249554-\$ or US-5170563-\$ or US-4842937-\$ or US-4731302-\$ or US-4525417-\$).did. or (EP-1362931-\$ or WO-179585-\$). did. or (DE-10018143-\$).did. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/11/20 16:45 |
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